

EXHIBIT A
CNDDB FORMS

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/20/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliophtila californica*

Common Name: California gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____

Total No. Individuals 2 Subsequent Visit? ☐ yes ☒ no

Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(™OS)

Address: POB 2858
Grass Valley, CA 95945

E-mail Address: ecooutreachmoran@yahoo.com

Phone: (530) 272-7132

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1 1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Heard and saw one adult bird. Only heard second bird.

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: _____

T _____ R _____ Sec _____, _____ ¼ of _____ ¼, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ ¼ of _____ ¼, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: 33° 21' 19" 117° 06' 49" (taken from USGS National Mapping program <http://nationalmap.gov/>)

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illeicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*) and chaparral bushmallow (*Malacothamnus fasciculatus*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date: Loggerhead shrike and San Diego horned lizard (separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☒ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Existing dirt access road.

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital ☐
Habitat ☐ ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 02/12/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliioptila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 1 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☒ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 630 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR

Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 10.429" N / Long. 117 6' 57.256" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sunac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population):

☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during habitat assessment survey

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes ☐ no ☐

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 03/28/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliioptila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 2 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

2
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 440 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR

Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 13.704" N / Long. 117 6' 50.411" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments: First survey of a CAGN protocol survey - Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during CAGN protocol survey

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

Mall to:
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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 04/03/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliioptila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____

Total No. Individuals 2 Subsequent Visit? ☒ yes ☐ no

Is this an existing NDDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

2
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☒ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 440 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 13.704" N / Long. 117 6' 50.411" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments: Second survey of a CAGN protocol survey - Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during CAGN protocol survey

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital
Habitat ☐ ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 04/10/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliophtila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 2 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

2
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☒ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 440 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR

Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 13.704" N / Long. 117 6' 50.411" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments: Third survey of a CAGN protocol survey - Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during CAGN protocol survey

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital
Habitat ☐ ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 04/25/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Poliophtila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 5 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190

Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

adults 2 # juveniles 3 # larvae _____ # egg masses _____ # unknown _____
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 440 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 13.534" N / Long. 117 6' 49.373" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments: Fifth survey of a CAGN protocol survey with three fledged juveniles off the nest and adults feeding juveniles- Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during CAGN protocol survey

Photographs: (check one or more) Slide Print Digital
Plant / animal ☐ ☐ ☐
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/02/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Polioptila californica californica*

Common Name: Coastal California Gnatcatcher

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 5 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

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Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

2 3 _____
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☒ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 440 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GIS map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: Lat. 33 21' 13.534" N / Long. 117 6' 49.373" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grasses and forbs. On mostly south facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access road, State Route 76.

Threats: Development.

Comments: Last survey of a CAGN protocol survey with three fledged juveniles off the nest and adults building second nest- Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: _____
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist during CAGN protocol survey

Photographs: (check one or more) Slide Print Digital

Plant / animal ☐ ☐ ☐
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Date of Field Work (mm/dd/yyyy): 05/14/2008

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Vireo bellii pusillus*

Common Name: Least Bell's Vireo

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 4 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

4
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 290 feet

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): map

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: Pair 1: Lat. 33 20' 36.62" N / Long. 117 7' 10.02" W

Pair 2: Lat. 33 20' 34.97" N / Long. 117 7' 10.72" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Southern cottonwood-willow riparian forest - dominant trees and shrubs include western cottonwood, black willow, arroyo willow, mule-fat, mugwort, ragweed, cattails, and poison oak. Riparian corridor along the north side of the San Luis Rey River.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access roads, old buildings, State Route 76.

Threats: Development.

Comments: Observed during LBV presence/absence protocol surveys. Protocol presence/absence LBV surveys were conducted on April 14 and 24, 2008; May 4, 14, and 28, 2008; and June 3, 13, and 23, 2008. At least two male LBV's from the 2 pairs were observed during all surveys. Additional LBV other than the 4 adults (2 pair) observed are on a separate CNDDDB form.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: National Geographic Birds of North America
☐ By another person (name): _____
☒ Other: Qualified biologist, during LBV presence/absence protocol surveys

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes ☐ no ☐

Mail to:
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Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95811

Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Date of Field Work (mm/dd/yyyy): 06/23/2008

Reset

California Native Species Field Survey Form

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Scientific Name: *Vireo bellii pusillus*

Common Name: Least Bell's Vireo

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 8 Subsequent Visit? ☐ yes ☐ no
Is this an existing NDDB occurrence? ☐ yes, Occ. # _____ ☐ no ☐ unk.
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

7 1 _____
adults # juveniles # larvae # egg masses # unknown
☒ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego

Landowner / Mgr.: _____

Quad Name: Pala Topographical Quadrangle

Elevation: 290 feet

T _____ R _____ Sec _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S

Source of Coordinates (GPS, topo. map & type): map

T _____ R _____ Sec _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: Pair 1: Lat. 33 20' 36.62" N / Long. 117 7' 10.02" W; Pair 3 + Juv.: Lat. 33 20' 33.96" N / Long. 117 7' 13.26" W
Pair 2: Lat. 33 20' 34.97" N / Long. 117 7' 10.72" W; Single Male: Lat. 33 20' 41.11" N / Long. 117 7' 3.96" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Southern cottonwood-willow riparian forest - dominant trees and shrubs include western cottonwood, black willow, arroyo willow, mule-fat, mugwort, ragweed, cattails, and poison oak. Riparian corridor along the north side of the San Luis Rey River.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Dirt access roads, old buildings, State Route 76.

Threats: Development.

Comments: Observed during LBV presence/absence protocol surveys. Protocol presence/absence LBV surveys were conducted on April 14 and 24, 2008; May 4, 14, and 28, 2008; and June 3, 13, and 23, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: National Geographic Birds of North America
☐ By another person (name): _____
☒ Other: Qualified biologist, during LBV presence/absence protocol surveys

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital
Habitat ☐ ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Vireo bellii*

Common Name: Least Bell's Vireo

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals _____ Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rockery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Heard and saw one bird.

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model _____
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒
Coordinates: 33° 20' 38" 117° 07' 09" (taken from USGS National Mapping program <http://nationalmap.gov/>)

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

In riparian habitat along the San Luis Rey river drainage and floodplain. The song of this species is quite distinctive and this bird was belting it out loudly. Hard to miss. In high quality riparian habitat of different height classes including taller willows. Primary tree species were Fremont cottonwood (*Populus fremontii*), red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), Goodding's black willow (*Salix gooddingii*), shining willow (*Salix lasiandra lasiandra*), and western sycamore (*Platanus racemosa*).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Existing dirt access road.

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital ☐
Habitat ☐ ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

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Date of Field Work (mm/dd/yyyy): 05/22/2008

Reset

5/22/2008
California Native Species Field Survey Form

Send Form

Scientific Name: *Phrynosoma coronatum (blainvillii population)*

Common Name: San Diego horned lizard

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 3 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

3
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Seen in existing dirt access road.

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Bonsall 7.5" topographic quadrangle Elevation: _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S ☐ D Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S ☐ D GPS Make & Model _____
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒
Coordinates: 33° 20' 35" 117° 07' 59" (taken from USGS National Mapping program <http://nationalmap.gov/>)

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Walked line of pepper trees and observed three horned lizards taking cover in copious number of rodent holes that occur under strip of pepper trees (*Schinus molle*). Trees grow on north side of SR Hwy 76 from Rice Canyon Road east to a subdivision entrance road (that is just katy-corner and north of Couser Canyon Road).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☒ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Along SR Hwy 76 in rural residential area.

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☐ Digital
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Date of Field Work (mm/dd/yyyy): 05/20/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Phrynosoma coronatum (blainvillii population)*

Common Name: San Diego horned lizard

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 1 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Seen in existing dirt access road.

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: _____
T. _____ R. _____ Sec. _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T. _____ R. _____ Sec. _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model _____
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒
Coordinates: 33° 21' 11" 117° 06' 54" (taken from USGS National Mapping program <http://nationalmap.gov/>)

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illecefolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*), and chaparral bushmallow (*Malacothamnus fasciculatus*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date: Loggerhead shrike and California gnatcatcher (separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Existing dirt access road.

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes ☒ no ☐

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Sacramento, CA 95811

Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov

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Date of Field Work (mm/dd/yyyy): 04/10/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Phrynosoma coronatum (blainvillii population)*

Common Name: San Diego horned lizard

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 1 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Ryan Villanueva, TRC

Address: 21 Technology Dr.

E-mail Address: rvillanueva@trcsolutions.com

Phone: (949) 838-7482

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Observed in existing dirt road.

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model _____

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒

Coordinates: 33° 21' 08" -117° 06' 55" (taken from USGS National Mapping program <http://nationalmap.gov/>)

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California coastal buckwheat (*Eriogonum fasciculatum*), laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*), and chaparral bushmallow (*Malathamnus fasciculatus*).

Other rare taxa seen at THIS site on THIS date: California gnatcatcher
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Existing dirt access road.

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Slide Print Digital
Plant / animal ☐ ☐ ☒
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

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Date of Field Work (mm/dd/yyyy): 09/19/2007

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Crotalus ruber ruber*

Common Name: Northern Red-Diamond Rattlesnake

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 1 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDB occurrence? ☒ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Bumgardner
Address: 11571 Prospect Hill Drive
Gold River, CA 95670
E-mail Address: MBumgardner4@comcast.net
Phone: (916) 638-7368

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego Landowner / Mgr.: unknown
Quad Name: Pala Elevation: 390 feet
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): GPS
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model unknown
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy unknown meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☐
Coordinates: 117° 6' 46.169" W, 33° 21' 21.784" N (submitted on behalf of the observer [Dionisios Glentis, Staff Archaeologist for TRC Solutions, Irvine, CA])

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

coastal sage scrub (southern aspect) dominated by California sagebrush, California coastal buckwheat, laurel sumac, holly-leaved cherry, scrub oak, and white sage

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances:

Threats:

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☒ By another person (name): Dionisios Glentis, Staff Archaeologist for TRC Solutions
☐ Other: _____

Photographs: (check one or more) Slide Print Digital
Plant / animal ☐ ☐ ☐
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Date of Field Work (mm/dd/yyyy): 03/14/2007

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Quercus engelmannii*

Common Name: Engelmann Oak

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 7 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☒ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Bumgardner
Address: 11571 Prospect Hill Drive
Gold River, CA 95670
E-mail Address: MBumgardner4@comcast.net
Phone: (916) 638-7368

Plant Information

Phenology: 100% vegetative _____% flowering _____% fruiting

Animal Information

adults ☐ breeding # juveniles ☐ wintering # larvae ☐ burrow site # egg masses ☐ rookery # unknown ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego Landowner / Mgr.: San Diego Gas & Electric Company
Quad Name: Pala Elevation: 440 feet
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): GPS
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model unknown
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy unknown _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☐
Coordinates: 33° 21' 36.713" N, 117° 6' 38.018" W (submitted on behalf of the observer [Karen Wilson, biologist, formerly with TRC Solutions, Irvine, CA])

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

individuals are located in an abandoned citrus grove that has not been maintained for at least 5 years

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☐ Fair ☒ Poor

Immediate AND surrounding land use:

Visible disturbances: formerly used and maintained as a citrus orchard

Threats: site is proposed for use as a new power plant

Comments: occurrence consists of one mature oak and several saplings

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☒ By another person (name): Karen Wilson, biologist, formerly with TRC Solutions
☐ Other: _____

Photographs: (check one or more) Slide Print Digital
Plant / animal ☐ ☐ ☐
Habitat ☐ ☐ ☐
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Date of Field Work (mm/dd/yyyy): 05/22/2008

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EO Index No. _____ Map Index No. _____

Reset

California Native Species Field Survey Form

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Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 4 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 60 % 20 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 428 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model Garmin Etrex
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 14 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489516 3691144

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95814

Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/22/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 11 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 50 % 30 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 465 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S GPS Make & Model Garmin Etrex
DATUM: ☒ NAD27 ☐ NAD83 ☒ WGS84 Horizontal Accuracy 14 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489509 3691221

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

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Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/22/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____

Total No. Individuals 6 Subsequent Visit? ☐ yes ☒ no

Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs (COS)

Address: POB 2858

Grass Valley, CA 95945

E-mail Address: ecooutreachmoran@yahoo.com

Phone: (530) 272-7132

Plant Information

Phenology: 60% vegetative 20% flowering 10% fruiting

Animal Information

adults ☐ breeding # juveniles ☐ wintering # larvae ☐ burrow site # egg masses ☐ rookery # unknown ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: 466 ft

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S

Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S

GPS Make & Model Garmin Etrex

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒

Horizontal Accuracy 16 ft _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR

Geographic (Latitude & Longitude) ☐

Coordinates: 489590 3691272

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

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Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____

Total No. Individuals 4 Subsequent Visit? ☐ yes ☒ no

Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)

Address: POB 2858
Grass Valley, CA 95945

E-mail Address: ecooutreachmoran@yahoo.com

Phone: (530) 272-7132

Plant Information

Phenology: 70 % 20 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle Elevation: 453 ft

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model Garmin Etrex

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 15 ft _____ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: 489691 3691300

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Slide Print Digital
Plant / animal ☐ ☐ ☒
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
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Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 4 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes. Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 60% vegetative 20% flowering 10% fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 491 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ D ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ D ☐ GPS Make & Model Garmin Etrex
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 15 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489602 3691366

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus ilicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were ahead in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mmdd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 9 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 60 % 20 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 480 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model Garmin Etrex
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 15 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489583 3691333

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
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Department of Fish and Game
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Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Elm Code _____ Occ. No. _____
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Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals _____ Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 80% vegetative 10% flowering 10% fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 479 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model Garmin Etrex
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 16 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489577 3691315

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
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Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 6 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Servs (OS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 80 % 10 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 444 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model: Garmin Etrex
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒ Horizontal Accuracy 17 ft _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489577 3691240

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more) Slide Print Digital
Plant / animal ☐ ☐ ☒
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
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Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

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Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 3 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDB occurrence? ☐ yes, Occ. # _____ ☐ no ☒ unk.
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Srves(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 80 % 10 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 448 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S Source of Coordinates (GPS, topo. map & type): _____
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: ☐ H ☐ M ☐ S GPS Make & Model Garmin Etrex
DATUM: ☒ NAD27 ☐ NAD83 ☒ WGS84 Horizontal Accuracy 16 ft meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489621 3691242

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95814
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 05/21/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Tetracoccus dioicus* Parry

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 4 Subsequent Visit? ☐ yes ☒ no
Is this an existing NDDDB occurrence? ☐ no ☒ unk.
Yes. Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Virginia Moran, Ecological Outreach Svcs(EOS)
Address: POB 2858
Grass Valley, CA 95945
E-mail Address: ecooutreachmoran@yahoo.com
Phone: (530) 272-7132

Plant Information

Phenology: 80 % 10 % 10 %
vegetative flowering fruiting

Animal Information

adults # juveniles # larvae # egg masses # unknown
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown
Quad Name: Pala 7.5" topographic quadrangle Elevation: 447 ft
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ D
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ D
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☒
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐
Coordinates: 489654 3691245
Source of Coordinates (GPS, topo. map & type): _____
GPS Make & Model: Garmin Etrex
Horizontal Accuracy: 16 ft _____ meters/feet

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California Coastal buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus ilicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*). The typically later blooming tarweeds (*Deinandra fasciculata* and *Deinandra paniculata*) were already in anthesis and entering seed set (in mid-May).

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property.

Threats: Development

Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☒ Compared with specimen housed at: Rancho Santa Ana Botanic Garden
☒ Compared with photo / drawing in: CalPhoto
☐ By another person (name): _____
☐ Other: _____

Photographs: (check one or more)

Plant / animal ☐ Slide ☐ Print ☒ Digital
Habitat ☐ ☐ ☒
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☒ no ☐

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95811
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Date of Field Work (mm/dd/yyyy): 12/20/2007

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: *Aimophila ruficeps*

Common Name: Rufous-crowned Sparrow

Species Found? ☒ Yes ☐ No If not, why? _____
Total No. Individuals 1 Subsequent Visit? ☒ yes ☐ no
Is this an existing NDDB occurrence? ☐ no ☐ unk.
Yes, Occ. # _____
Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Paula Potenza - TRC Solutions, Inc.

Address: 1903 Wright Place, Suite 190
Carlsbad, CA 92008

E-mail Address: ppotenza@trcsolutions.com

Phone: (760) 603-1740

Plant Information

Phenology: _____% vegetative _____% flowering _____% fruiting

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
☐ breeding ☒ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego Landowner / Mgr.: _____
Quad Name: Pala Topographical Quadrangle Elevation: 445 feet
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): map
T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model _____
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy _____ meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☐ OR Geographic (Latitude & Longitude) ☒
Coordinates: Lat. 33 21' 36.55" N / Long. 117 6' 45.81" W

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sunac, lemonade berry, black sage, white sage, deer weed, with understory of nonnative grasses and forbs. On mostly southeast facing slope/bowl.

Other rare taxa seen at THIS site on THIS date:
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☒ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use:

Visible disturbances: Paved residential road, State Route 76, SDG&E substation, old orchard and storage yard.

Threats: Development.

Comments: Observed during CAGN winter protocol surveys. Observed rufous-crowned sparrow in the same area again on Jan. 16 and 31, 2008; and Feb. 12, 2008.

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☒ Compared with photo / drawing in: National Geographic Birds of North America
☐ By another person (name): _____
☒ Other: Permitted CAGN biologist, during CAGN protocol surveys

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes ☐ no ☐